

Title (en)  
IMPLANTATION MATERIAL COMPRISING BIOCOMPATIBLE POLYMER

Title (de)  
IMPLANTATIONSMATERIAL MIT BIOKOMPATIBLEM POLYMER

Title (fr)  
MATÉRIAU D'IMPLANTATION COMPRENANT UN POLYMÈRE BIOCOMPATIBLE

Publication  
**EP 2644623 B1 20170308 (EN)**

Application  
**EP 13161184 A 20130326**

Priority  
KR 20120030540 A 20120326

Abstract (en)  
[origin: EP2644623A1] Disclosed herein is a hyaluronic acid epoxide derivative film comprises a polymer containing a hydroxyl (-OH) terminal group. The film is prepared by allowing an epoxy crosslinker to react with a mixture of hyaluronic acid and a polymer containing a hydroxyl (-OH) terminal group and has improved physical strength, in vivo stability, flexibility, adhesiveness to biological tissue, and biocompatibility.

IPC 8 full level  
**C08B 37/08** (2006.01); **C08L 5/08** (2006.01); **C08L 71/02** (2006.01)

CPC (source: EP KR US)  
**A61K 31/728** (2013.01 - KR); **A61P 17/02** (2017.12 - EP); **C07K 14/78** (2013.01 - US); **C08B 37/0069** (2013.01 - EP US); **C08B 37/0072** (2013.01 - EP US); **C08B 37/0075** (2013.01 - EP US); **C08B 37/0084** (2013.01 - EP US); **C08H 1/00** (2013.01 - EP US); **C08J 5/18** (2013.01 - KR); **C08L 101/02** (2013.01 - KR)

Cited by  
EP3593973A4; WO2016141903A1; US11298855B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2644623 A1 20131002; EP 2644623 B1 20170308**; CN 103360633 A 20131023; CN 103360633 B 20150722; ES 2621280 T3 20170703; JP 2013198737 A 20131003; JP 5934132 B2 20160615; KR 101240518 B1 20130311; US 2013253074 A1 20130926; US 8822551 B2 20140902

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**EP 13161184 A 20130326**; CN 201310100920 A 20130326; ES 13161184 T 20130326; JP 2013058334 A 20130321; KR 20120030540 A 20120326; US 201313848841 A 20130322